OCEAN OBS '19

Oceans of Opportunity

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NASA Headquarters
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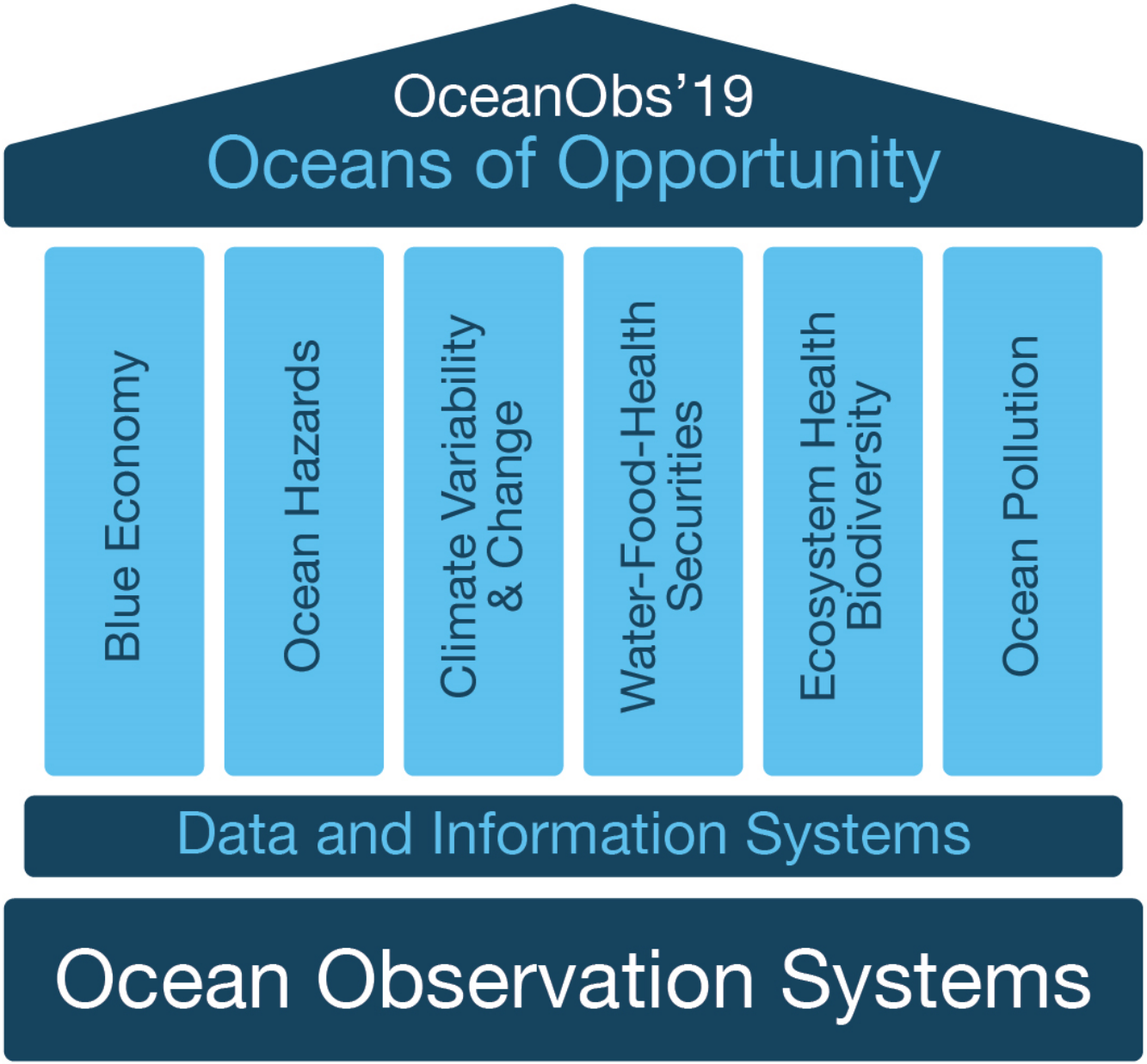
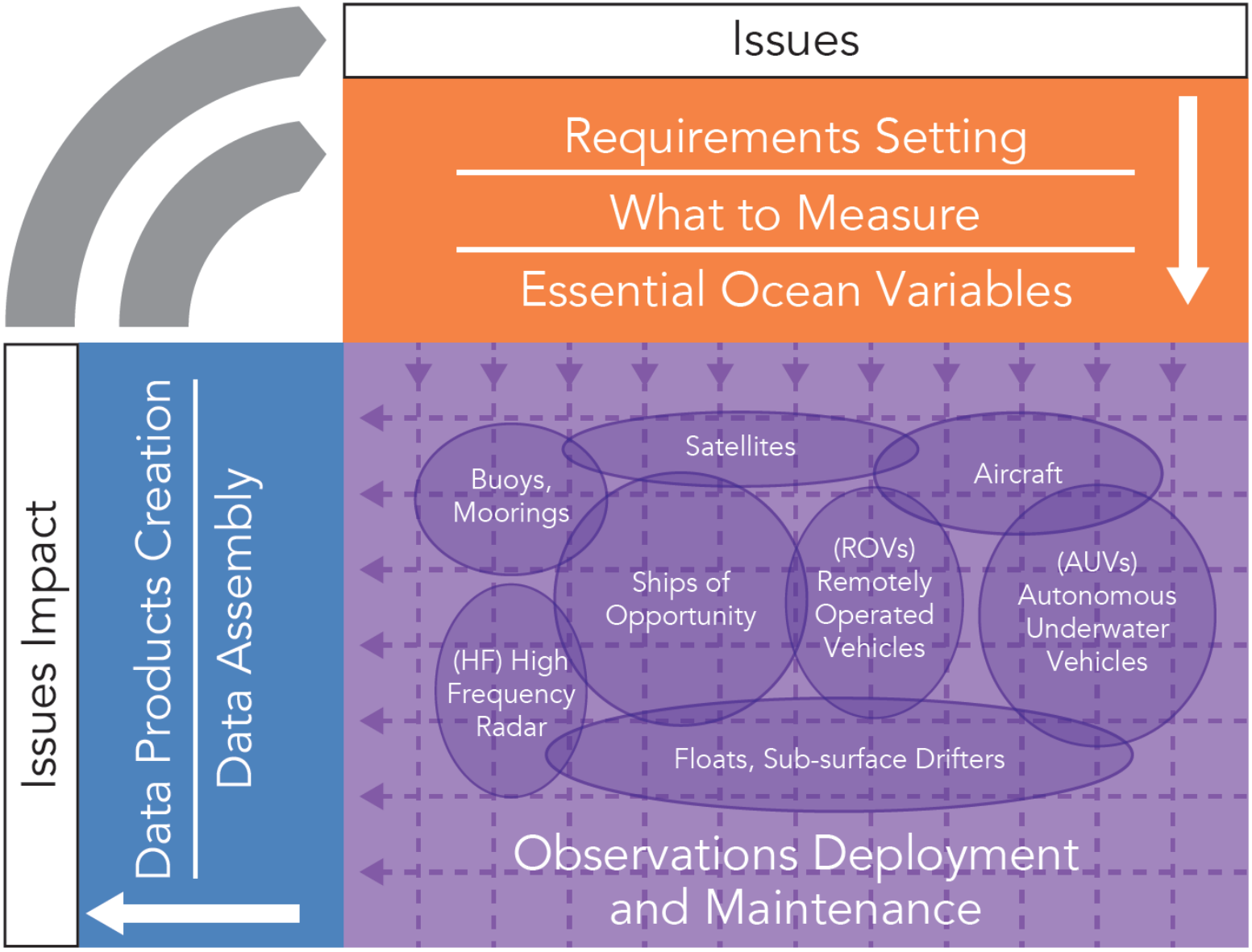
www.oceanobs19.net

History of Ocean Observation Conference

- OceanObs ‘99 – France, ~300 participants, laid out basic ocean climate obs that we have today (drifter, floats, xbt, tide gauge…)
- OceanObs ‘09 – Venice, Italy, ~640 participants, expanding the community of sustained observation and the Framework for Ocean Observing.
- OceanObs’19 – Honolulu, USA, ~1200 participants. Connecting observers with end user community.


OceanObs'19
Oceans of Opportunity
Blue Economy
Ocean Hazards
Climate Variability & Change
Water-Food-Health Securities
Ecosystem Health Biodiversity
Ocean Pollution
Data and Information Systems
Ocean Observation Systems

Framework for Ocean Observing Process Diagram



What is done already?

- **Honolulu Convention Center** (HCC)
- **16-20 September 2019** (858 Days to go!)
  - Anchor Sponsor: NASA
  - Co-Sponsors: NSF, NOAA, ESA, GEO, GCOS, MERCATOR, and growing!

- Letter of intent signed with HCC on 12/30/16
- Signing bonus opens OceanObs'19 account!
- Option for side meetings around the conf.
- Site Review next week in Honolulu

What's Next

- Build Program Committee (4-5 Community Co-Chairs) "The input to the conference."
- Build Local Organizing Committee (U.Hawaii co-lead) "Executing the event."
- Build Sponsor Committee (NASA co-lead) "Guiding the output from the conference."
- Build web presence (oceanobs19.net)
- Staff support for committees – Distributed Project Office (UCAR, COL, WMO, IOC)
- Draft and publish first circular

What is needed NOW?

- Appoint community co-chairs
- Recruit energetic volunteers to committees
- Engagement by observing system groups
- Engaging user communities
- Further mobilizing sponsors
- Determining priority outcomes of the conference
- Guidance for the all conference participants

- **Send ideas to: Eric.J.Lindstrom@NASA.Gov**

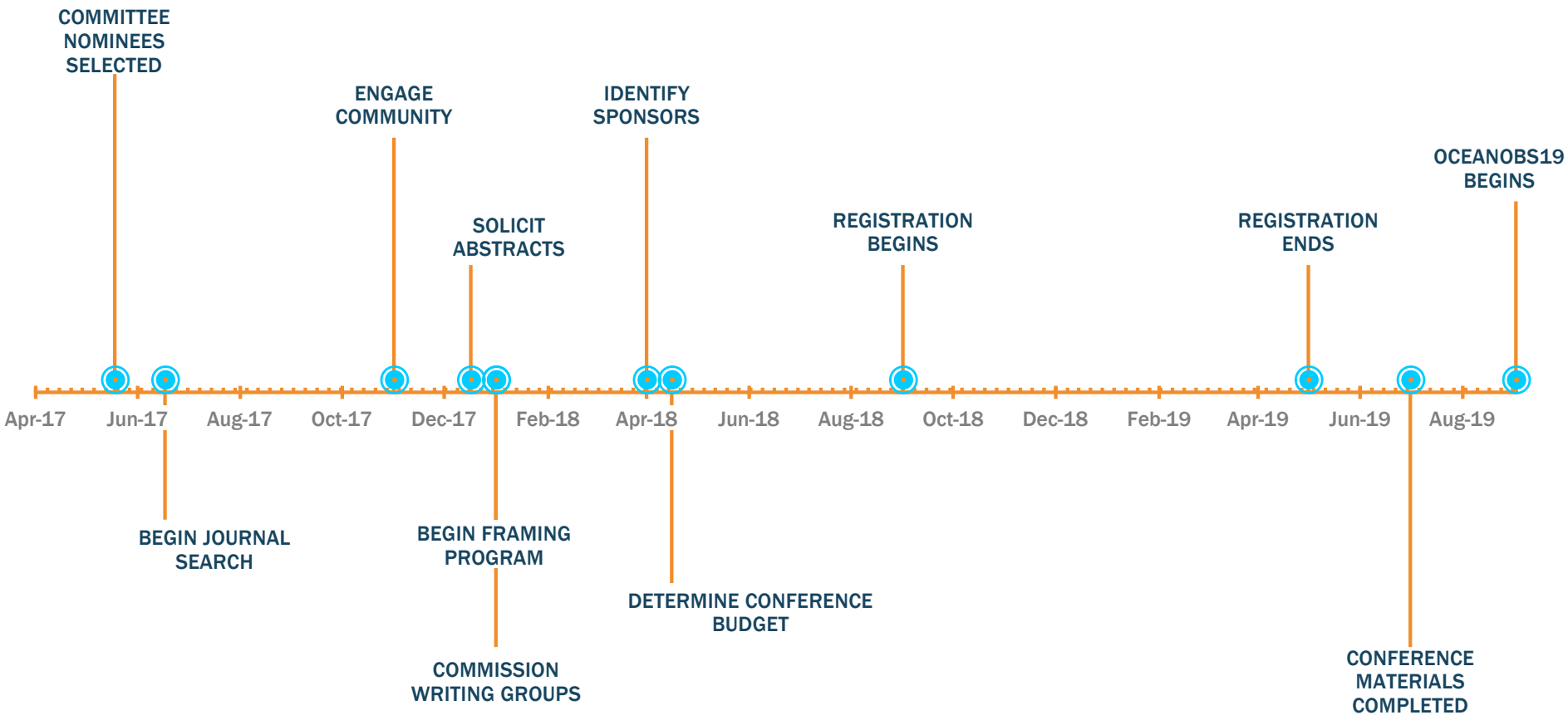
Some ideas related to “Input”

- White paper fatigue recognized
- Externalize white paper review (use journal)
- Get structured input on observing system status & forward evolutions (10 yr) & user community engagement.
- Collect input on “requirements” with 10 yr plan & user engagement.

Some ideas related to “output”

- Endorsement of approach for biological observations including metrics
- “Integration” moved from platform-based to EOV-based approach
- Deliver products by EOV
- Get requirements from industry/super users
- Sponsor developing country scientists

OceanObs19 Conference Timeline



Some Questions for NOAA OMD

- POC for each observing network?
- What information and outcome do you want from OceanObs'19?
- Provide to conference - links to key user communities.
- Provide to conference - links to key developing country scientists.

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